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## RAW SEQUENCE LISTING

DATE: 01/23/2002

PATENT APPLICATION: US/10/038,591

TIME: 19:08:49

Input Set : A:\Abx-pf2.app

Output Set: N:\CRF3\01232002\J038591.raw

ENTERED

3 <110> APPLICANT: Cohen, Bruce D.  
 4 Beebe, Jean  
 5 Miller, Penelope E.  
 6 Moyer, James D.  
 7 Corvalan, Jose R.  
 8 Gallo, Michael

10 <120> TITLE OF INVENTION: ANTIBODIES TO INSULIN-LIKE GROWTH FACTOR I RECEPTOR  
 12 <130> FILE REFERENCE: ABX-PF2

C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/038,591  
 C--> 15 <141> CURRENT FILING DATE: 2002-01-04  
 17 <150> PRIOR APPLICATION NUMBER: 60/259,927  
 18 <151> PRIOR FILING DATE: 2001-01-05  
 20 <160> NUMBER OF SEQ ID NOS: 60  
 22 <170> SOFTWARE: PatentIn Ver. 2.1  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 291  
 26 <212> TYPE: DNA  
 27 <213> ORGANISM: Homo sapiens  
 29 <400> SEQUENCE: 1

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 31 tttaggtctgg tatcagcaga aaccagggaag agctcctaag cgcctgatct atgctgcac 120  
 32 ccgtttacaa agtgggggtcc catcaagggt cagcggcagt ggatctggga cagaattcac 180  
 33 tctcacaatc agcagcctgc agcctgaaga ttttgcaact tattactgtc tacagcataa 240  
 34 taattatcct cggacgttcg gccaaaggac cgaggtggaa atcatacgaa c 291

37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 136  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Homo sapiens  
 42 <400> SEQUENCE: 2

43 Ala Ser Val Gly Asp Arg Val Thr Phe Thr Cys Arg Ala Ser Gln Asp  
 44 1 5 10 15  
 46 Ile Arg Arg Asp Leu Gly Trp Tyr Gln Lys Pro Gly Lys Ala Pro  
 47 20 25 30  
 49 Lys Arg Leu Ile Tyr Ala Ala Ser Arg Leu Gln Ser Gly Val Pro Ser  
 50 35 40 45  
 52 Arg Phe Ser Gly Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser  
 53 50 55 60  
 55 Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln His Asn  
 56 65 70 75 80  
 58 Asn Tyr Pro Arg Thr Phe Gly Gln Gly Thr Glu Val Glu Ile Ile Arg  
 59 85 90 95  
 61 Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln  
 62 100 105 110

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64 Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr
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67 Pro Arg Glu Ala Lys Val Gln Trp
68      130          135
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72 <211> LENGTH: 352
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapiens
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78 ttcagtgact actatatgag ctggatccgc caggctccag ggaaggggct ggaatgggtt 120
79 tcatacatta gtagtagtgg tagtaccaga gactacgcag actctgtgaa gggccgattc 180
80 accatctcca gggacaacgc caagaactca ctgtatctgc aaatgaacag cctgagagcc 240
81 gaggacacgg ccgtgtatta ctgtgtgaga gatggagtgg aaactacttt ttactactac 300
82 tactacggta tggacgtctg gggccaaggg accacgggtca ccgtctcctc ag 352
85 <210> SEQ ID NO: 4
86 <211> LENGTH: 174
87 <212> TYPE: PRT
88 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 4
91 Gly Arg Leu Gly Gln Ala Trp Arg Ser Leu Arg Leu Ser Cys Ala Ala
92 1          5          10          15
94 Ser Gly Phe Thr Phe Ser Asp Tyr Tyr Met Ser Trp Ile Arg Gln Ala
95      20          25          30
97 Pro Gly Lys Gly Leu Glu Trp Val Ser Tyr Ile Ser Ser Ser Gly Ser
98      35          40          45
100 Thr Arg Asp Tyr Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg
101      50          55          60
103 Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala
104 65          70          75          80
106 Glu Asp Thr Ala Val Tyr Tyr Cys Val Arg Asp Gly Val Glu Thr Thr
107      85          90          95
109 Phe Tyr Tyr Tyr Tyr Tyr Gly Met Asp Val Trp Gly Gln Gly Thr Thr
110      100          105          110
112 Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu
113      115          120          125
115 Ala Pro Cys Ser Arg Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys
116      130          135          140
118 Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser
119 145          150          155          160
121 Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ser Cys Ala
122      165          170
125 <210> SEQ ID NO: 5
126 <211> LENGTH: 322
127 <212> TYPE: DNA
128 <213> ORGANISM: Homo sapiens
130 <400> SEQUENCE: 5
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132 atcacttgcc gggcaagtca gggcattaga aatgatttag gctggatatca gcagaaacca 120

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133 gggaaagccc ctaagcgcct gatctatgct gcatcccgtt tgcacagagg ggtcccatca 180  
 134 aggttcagcg gcagtggatc tgggacagaa ttactctca caatcagcag cctgcagcct 240  
 135 gaagattttg caacttatta ctgtttacaa cataatagtt acccgtgcag ttttggccag 300  
 136 gggaccaagc tggagatcaa ac 322

139 &lt;210&gt; SEQ ID NO: 6

140 &lt;211&gt; LENGTH: 107

141 &lt;212&gt; TYPE: PRT

142 &lt;213&gt; ORGANISM: Homo sapiens

144 &lt;400&gt; SEQUENCE: 6

145 Asp Ile Gln Met Thr Gln Phe Pro Ser Ser Leu Ser Ala Ser Val Gly

146 1 5 10 15

148 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Asn Asp

149 20 25 30

151 Leu Gly Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Arg Leu Ile

152 35 40 45

154 Tyr Ala Ala Ser Arg Leu His Arg Gly Val Pro Ser Arg Phe Ser Gly

155 50 55 60

157 Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro

158 65 70 75 80

160 Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln His Asn Ser Tyr Pro Cys

161 85 90 95

163 Ser Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys

164 100 105

167 &lt;210&gt; SEQ ID NO: 7

168 &lt;211&gt; LENGTH: 375

169 &lt;212&gt; TYPE: DNA

170 &lt;213&gt; ORGANISM: Homo sapiens

172 &lt;400&gt; SEQUENCE: 7

173 aggtgcagct gttggagtct gggggaggct tggtacagcc tgggggggtcc ctgagactct 60

174 cctgtacagc ctctggattc accttttagca gctatgccat gaactgggtc cgccaggctc 120

175 caggaagggt gctggagtgg gtctcagcta ttagtggttag tggtggtacc acattctacg 180

176 cagactccgt gaagggccgg ttcaccatct ccagagacaa ttccaggacc acgctgtatc 240

177 tgcaaatgaa cagcctgaga gccgaggaca cggccgtata ttactgtgcg aaagatcttg 300

178 gctggtccga ctcttactac tactactacg gtatggacgt ctggggccaa gggaccacgg 360

179 tcaccgtctc ctacg 375

182 &lt;210&gt; SEQ ID NO: 8

183 &lt;211&gt; LENGTH: 124

184 &lt;212&gt; TYPE: PRT

185 &lt;213&gt; ORGANISM: Homo sapiens

187 &lt;400&gt; SEQUENCE: 8

188 Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser

189 1 5 10 15

191 Leu Arg Leu Ser Cys Thr Ala Ser Gly Phe Thr Phe Ser Ser Tyr Ala

192 20 25 30

194 Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser

195 35 40 45

197 Ala Ile Ser Gly Ser Gly Gly Thr Thr Phe Tyr Ala Asp Ser Val Lys

198 50 55 60

200 Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Arg Thr Thr Leu Tyr Leu

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Input Set : A:\Abx-pf2.app

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201 65          70          75          80
203 Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
204          85          90          95
206 Lys Asp Leu Gly Trp Ser Asp Ser Tyr Tyr Tyr Tyr Gly Met Asp
207          100          105          110
209 Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
210          115          120
213 <210> SEQ ID NO: 9
214 <211> LENGTH: 302
215 <212> TYPE: DNA
216 <213> ORGANISM: Homo sapiens
218 <400> SEQUENCE: 9
219 tcctccctgt ctgcatctgt aggagacaga gtcaccttca cttgccgggc aagtcaggac 60
220 attagacgtg atttaggctg gtatcagcag aaaccaggga aagctcctaa gcgcctgata 120
221 tatgctgcat cccgtttaca aagtgggggc ccatcaaggc tcagcggcag tggatctggg 180
222 acagaattca ctctcacaat cagcagcctg cagcctgaag attttgcaac ttattactgt 240
223 ctacagcata ataattatcc tcggacgttc ggccaaggga ccgaggtgga aatcatacga 300
224 ac 302
227 <210> SEQ ID NO: 10
228 <211> LENGTH: 100
229 <212> TYPE: PRT
230 <213> ORGANISM: Homo sapiens
232 <400> SEQUENCE: 10
233 Ser Ser Leu Ser Ala Ser Val Gly Asp Arg Val Thr Phe Thr Cys Arg
234 1 5 10 15
236 Ala Ser Gln Asp Ile Arg Arg Asp Leu Gly Trp Tyr Gln Gln Lys Pro
237 20 25 30
239 Gly Lys Ala Pro Lys Arg Leu Ile Tyr Ala Ala Ser Arg Leu Gln Ser
240 35 40 45
242 Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Glu Phe Thr
243 50 55 60
245 Leu Thr Ile Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys
246 65 70 75 80
248 Leu Gln His Asn Asn Tyr Pro Arg Thr Phe Gly Gln Gly Thr Glu Val
249 85 90 95
251 Glu Ile Ile Arg
252 100
255 <210> SEQ ID NO: 11
256 <211> LENGTH: 338
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo sapiens
260 <400> SEQUENCE: 11
261 gggcccagga ctggtgaagc cttcggagac cctgtccctc acctgcaactg tctctgggtg 60
262 ctccatcagt aattactact ggagctggat ccggcagccc gccgggaagg gactggagt 120
263 gattgggcgt atctatacca gtgggagccc caactacaac ccctccctca agagtcgagt 180
264 caccatgtca gtagacacgt ccaagaacca gttctccctg aagctgaact ctgtgaccgc 240
265 cgcggacacg gccgtgtatt actgtgcggt aacgattttt ggagtgggta ttatctttga 300
266 ctactggggc cagggaaacc tggtcaccgt ctctcag 338
269 <210> SEQ ID NO: 12

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Input Set : A:\Abx-pf2.app

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270 <211> LENGTH: 112
271 <212> TYPE: PRT
272 <213> ORGANISM: Homo sapiens
274 <400> SEQUENCE: 12
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278 Val Ser Gly Gly Ser Ile Ser Asn Tyr Tyr Trp Ser Trp Ile Arg Gln
279           20           25           30
281 Pro Ala Gly Lys Gly Leu Glu Trp Ile Gly Arg Ile Tyr Thr Ser Gly
282           35           40           45
284 Ser Pro Asn Tyr Asn Pro Ser Leu Lys Ser Arg Val Thr Met Ser Val
285           50           55           60
287 Asp Thr Ser Lys Asn Gln Phe Ser Leu Lys Leu Asn Ser Val Thr Ala
288           65           70           75           80
290 Ala Asp Thr Ala Val Tyr Tyr Cys Ala Val Thr Ile Phe Gly Val Val
291           85           90           95
293 Ile Ile Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
294           100          105          110
297 <210> SEQ ID NO: 13
298 <211> LENGTH: 322
299 <212> TYPE: DNA
300 <213> ORGANISM: Homo sapiens
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304 atcaacttgcc gggcaagtca gggcattaga agtgatttag gctggtttca gcagaaacca 120
305 gggaaagccc ctaagcgctt gatctatgct gcatccaaat tacaccgtgg ggtcccatca 180
306 aggttcagcg gcagtggtac tgggacagaa ttcaactctca caatcagccg cctgcagcct 240
307 gaagattttg caacttatta ctgtctacag cataatagtt accctctcac ttctggcgga 300
308 gggaccaagg tggagatcaa ac                                     322
311 <210> SEQ ID NO: 14
312 <211> LENGTH: 107
313 <212> TYPE: PRT
314 <213> ORGANISM: Homo sapiens
316 <400> SEQUENCE: 14
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318   1           5           10           15
320 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Ser Asp
321           20           25           30
323 Leu Gly Trp Phe Gln Gln Lys Pro Gly Lys Ala Pro Lys Arg Leu Ile
324           35           40           45
326 Tyr Ala Ala Ser Lys Leu His Arg Gly Val Pro Ser Arg Phe Ser Gly
327           50           55           60
329 Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Arg Leu Gln Pro
330           65           70           75           80
332 Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln His Asn Ser Tyr Pro Leu
333           85           90           95
335 Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
336           100          105
339 <210> SEQ ID NO: 15

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Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.



## VERIFICATION SUMMARY

DATE: 01/23/2002

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Input Set : A:\Abx-pf2.app

Output Set: N:\CRF3\01232002\J038591.raw

L:14 M:270 C: Current Application Number differs, Replaced Application Number  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39  
L:1627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53  
L:1668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55  
L:1711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57